

Determination of Antiviral Activity of Textile Products BS ISO 18184

Proven that OOH SHIELD technology can effectively kill COVID-19 Coronavirus SARS-CoV-2 (>99.81%)



Report No: ATCCR20081010F

Test Report

| | |
|-----------------|---|
| Sample Category | Curie Ultrahigh-Efficiency Viral Filter for KV-99 |
| Client | Curie Limited |
| Test Category | Test Entrust |
| Date of Report | 2020.08.18 |

Detection Information

| | | | | |
|---|--|---|-----------------------------------|-----------------------|
| Client | Curie Limited | | Sample Source | Inspect |
| Client address | Room C,23/F,Tsuen Tung Factory Building,38-40 Chai Wan KOK Street, Tsuen Wan,Hong Kong | | Sample State | Normal |
| Date of Receives samples | 2020.08.10 | | Date(s) of tests | 2020.08.10-2020.08.18 |
| Sample No | ATCCR20081010F-0810CP01 | | | |
| Category | Test Project | Test Standard and Method | Test Instruments | |
| Curie Ultrahigh-Efficiency Viral Filter for KV-99 | Antiviral Activity Value (COVID-19) | ISO 18184:2019 Textiles Determination of antiviral | Biosafety Cabinet | |
| End | | | | |
| Remarks | Production units: Curie Limited Trademarks: Curie Date of production: 2020.06.09 Sample model: Curie Ultrahigh-Efficiency Viral Filter for KV-99 Sample batch: 1001 | | | |
| Report Preparer: 刘畅 | Authorized Signatory: 刘畅 | | Date of Issues Report: 2020.08.18 | |
| Report Reviewer: 李强 | (Special Chapter for Inspection and Inspection) | | | |



Test results

| Virus Types | (NO) | $\lg(V_{a0h})$ ($\lg\text{TCID}_{50}/\text{mL}$) | $\lg(V_{b2h})$ ($\lg\text{TCID}_{50}/\text{mL}$) | $\lg(V_{c2h})$ ($\lg\text{TCID}_{50}/\text{mL}$) |
|---|------|--|--|--|
| COVID-19 virus MDCK cells | 1 | 6.73 | 6.68 | 3.7 |
| | 2 | 6.68 | 6.56 | 4 |
| | 3 | 6.7 | 6.57 | 3.9 |
| Average Value of $\lg\text{TCID}_{50}/\text{mL}$ | | 6.70 | 6.61 | 3.88 |
| Antiviral Activity Value | | 2.72 | | |
| Antiviral Activity Rate (%) | | 99.81 | | |



End